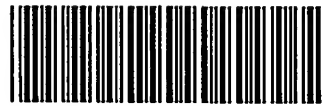


## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 11/055,587 A  
Source: IPW0  
Date Processed by STIC: 10/31/2005

# ***ENTERED***



IF

IFW0

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/11/055,587A

DATE: 10/31/2005  
TIME: 15:01:10

Input Set : A:\Sequence Listing.txt  
Output Set: N:\CRF4\10312005\K055587A.raw

3 <110> APPLICANT: Yoshimura, Teizo  
4 Robinson, Elizabeth A.  
5 Appella, Ettore  
6 Leonard, Edward J.  
8 <120> TITLE OF INVENTION: HUMAN DERIVED MONOCYTE ATTRACTING PURIFIED PROTEIN PRODUCT USEFUL  
9 IN A METHOD OF TREATING INFECTION AND NEOPLASMS IN A HUMAN BODY,  
10 AND THE CLONING OF FULL LENGTH CDNA THEREOF  
12 <130> FILE REFERENCE: 11613.12USD3  
14 <140> CURRENT APPLICATION NUMBER: US 11/055,587A  
15 <141> CURRENT FILING DATE: 2005-02-08  
17 <150> PRIOR APPLICATION NUMBER: US 07/330,446  
18 <151> PRIOR FILING DATE: 1989-03-30  
20 <150> PRIOR APPLICATION NUMBER: US 07/304,234  
21 <151> PRIOR FILING DATE: 1989-01-31  
23 <160> NUMBER OF SEQ ID NOS: 13  
25 <170> SOFTWARE: PatentIn version 3.3  
27 <210> SEQ ID NO: 1  
28 <211> LENGTH: 76  
29 <212> TYPE: PRT  
30 <213> ORGANISM: Homo sapiens  
33 <220> FEATURE:  
34 <221> NAME/KEY: MISC\_FEATURE  
35 <222> LOCATION: (1)..(1)  
36 <223> OTHER INFORMATION: Xaa is pyroglutamic acid  
38 <400> SEQUENCE: 1  
-> 40 Xaa Pro Asp Ala Ile Asn Ala Pro Val Thr Cys Cys Tyr Asn Phe Thr  
41 1 5 10 15  
44 Asn Arg Lys Ile Ser Val Gln Arg Leu Ala Ser Tyr Arg Arg Ile Thr  
45 20 25 30  
48 Ser Ser Lys Cys Pro Lys Glu Ala Val Ile Phe Lys Thr Ile Val Ala  
49 35 40 45  
52 Lys Glu Ile Cys Ala Asp Pro Lys Gln Lys Trp Val Gln Asp Ser Met  
53 50 55 60  
56 Asp His Leu Asp Lys Gln Thr Gln Thr Pro Lys Thr  
57 65 70 75  
60 <210> SEQ ID NO: 2  
61 <211> LENGTH: 228  
62 <212> TYPE: DNA  
63 <213> ORGANISM: Homo sapiens  
65 <400> SEQUENCE: 2  
66 cagccagatg caatcaatgc cccagtcacc tgctgttata acttcaccaa taggaagatc 60  
68 tcagtgcaga ggctcgcgag ctatagaaga atcaccagca gcaagtgtcc caaagaagct 120  
70 gtgatcttca agaccattgt ggccaaggag atctgtgctg accccaagca gaagtgggtt 180

## RAW SEQUENCE LISTING

DATE: 10/31/2005

PATENT APPLICATION: US/11/055,587A

TIME: 15:01:10

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\10312005\K055587A.raw

72 caggattcca tggaccacct ggacaagcaa acccaaaactc cgaagact 228

75 &lt;210&gt; SEQ ID NO: 3

76 &lt;211&gt; LENGTH: 76

77 &lt;212&gt; TYPE: PRT

78 &lt;213&gt; ORGANISM: Homo sapiens

80 &lt;400&gt; SEQUENCE: 3

82 Gln Pro Asp Ala Ile Asn Ala Pro Val Thr Cys Cys Tyr Asn Phe Thr

83 1 5 10 15

86 Asn Arg Lys Ile Ser Val Gln Arg Leu Ala Ser Tyr Arg Arg Ile Thr

87 20 25 30

90 Ser Ser Lys Cys Pro Lys Glu Ala Val Ile Phe Lys Thr Ile Val Ala

91 35 40 45

94 Lys Glu Ile Cys Ala Asp Pro Lys Gln Lys Trp Val Gln Asp Ser Met

95 50 55 60

98 Asp His Leu Asp Lys Gln Thr Gln Thr Pro Lys Thr

99 65 70 75

102 &lt;210&gt; SEQ ID NO: 4

103 &lt;211&gt; LENGTH: 9

104 &lt;212&gt; TYPE: PRT

105 &lt;213&gt; ORGANISM: Homo sapiens

107 &lt;400&gt; SEQUENCE: 4

109 Met Asp His Leu Asp Lys Gln Thr Gln

110 1 5

113 &lt;210&gt; SEQ ID NO: 5

114 &lt;211&gt; LENGTH: 29

115 &lt;212&gt; TYPE: DNA

116 &lt;213&gt; ORGANISM: Artificial Sequence

118 &lt;220&gt; FEATURE:

119 &lt;223&gt; OTHER INFORMATION: Probe

122 &lt;220&gt; FEATURE:

123 &lt;221&gt; NAME/KEY: misc\_feature

124 &lt;222&gt; LOCATION: (6)..(6)

125 &lt;223&gt; OTHER INFORMATION: n is inosine

127 &lt;400&gt; SEQUENCE: 5

-&gt; 128 gtctgngtct gcttatccaa atgatccat 29

131 &lt;210&gt; SEQ ID NO: 6

132 &lt;211&gt; LENGTH: 29

133 &lt;212&gt; TYPE: DNA

134 &lt;213&gt; ORGANISM: Artificial Sequence

136 &lt;220&gt; FEATURE:

137 &lt;223&gt; OTHER INFORMATION: Probe

139 &lt;400&gt; SEQUENCE: 6

140 gtttgcggttt gtttgtctaa gtggtccat 29

143 &lt;210&gt; SEQ ID NO: 7

144 &lt;211&gt; LENGTH: 29

145 &lt;212&gt; TYPE: DNA

146 &lt;213&gt; ORGANISM: Artificial Sequence

148 &lt;220&gt; FEATURE:

149 &lt;223&gt; OTHER INFORMATION: Probe

RAW SEQUENCE LISTING                      DATE: 10/31/2005  
PATENT APPLICATION:    US/11/055,587A            TIME: 15:01:10

Input Set : A:\Sequence Listing.txt  
Output Set: N:\CRF4\10312005\K055587A.raw

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152 <220> FEATURE:
153 <221> NAME/KEY: misc_feature
154 <222> LOCATION: (6)..(6)
155 <223> OTHER INFORMATION: n is inosine
157 <220> FEATURE:
158 <221> NAME/KEY: misc_feature
159 <222> LOCATION: (18)..(18)
160 <223> OTHER INFORMATION: n is inosine
162 <400> SEQUENCE: 7
-> 163 gtctgngtct gcttatacnag atgatccat                      29
166 <210> SEQ ID NO: 8
167 <211> LENGTH: 29
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Probe
174 <400> SEQUENCE: 8
175 gtttgcgttt gtttgtccag gtggtccat                      29
178 <210> SEQ ID NO: 9
179 <211> LENGTH: 739
180 <212> TYPE: DNA
181 <213> ORGANISM: Homo sapiens
183 <400> SEQUENCE: 9
184 ctaaccacaga aacatccaat tctcaaaactg aagctcgcac tctcgccctcc agcatgaaag                      60
186 tctctgcccgc ccttctgtgc ctgctgctca tagcagccac cttcattccc caagggctcg                      120
188 ctccagccaga tgcaatcaat gccccagtc cctgctgtta taacttcacc aataggaaga                      180
190 tctcagtgcga gaggtctcgcg agctatagaa gaatcaccag cagcaagtgt cccaaagaag                      240
192 ctgtgatctt caagaccatt gtggccaagg agatctgtgc tgacccaag cagaagtggg                      300
194 ttcaggattc catggaccac ctggacaagc aaacccaaac tccgaagact tgaacactca                      360
196 ctccacaacc caagaatctg cagctaactt attttcccct agctttcccc agacaccctg                      420
198 ttttattttta ttataatgaa ttttgtttgt tgatgtgaaa cattatgcct taagtaatgt                      480
200 taattcttat ttaagttatt gatgttttaa gtttatcttt catggtacta gtgtttttta                      540
202 gatacagaga cttgggggaaa ttgcttttcc tcttgaacca cagttctacc cctgggatgt                      600
204 tttgagggtc tttgcaagaa tcattaatac aaagaatttt ttttaacatt ccaatgcatt                      660
206 gctaaaatat tattgtggaa atgaatattt tgtaactatt acaccaaata aatatatttt                      720
208 tgtacaaaaa aaaaaaaaaa                                      739
211 <210> SEQ ID NO: 10
212 <211> LENGTH: 99
213 <212> TYPE: PRT
214 <213> ORGANISM: Homo sapiens
216 <400> SEQUENCE: 10
218 Met Lys Val Ser Ala Ala Leu Leu Cys Leu Leu Leu Ile Ala Ala Thr
219 1                      5                      10                      15
222 Phe Ile Pro Gln Gly Leu Ala Gln Pro Asp Ala Ile Asn Ala Pro Val
223                      20                      25                      30
226 Thr Cys Cys Tyr Asn Phe Thr Asn Arg Lys Ile Ser Val Gln Arg Leu
227                      35                      40                      45
230 Ala Ser Tyr Arg Arg Ile Thr Ser Ser Lys Cys Pro Lys Glu Ala Val
231                      50                      55                      60

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RAW SEQUENCE LISTING

DATE: 10/31/2005

PATENT APPLICATION: US/11/055,587A

TIME: 15:01:10

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\10312005\K055587A.raw

234 Ile Phe Lys Thr Ile Val Ala Lys Glu Ile Cys Ala Asp Pro Lys Gln  
 235 65 70 75 80  
 238 Lys Trp Val Gln Asp Ser Met Asp His Leu Asp Lys Gln Thr Gln Thr  
 239 85 90 95

242 Pro Lys Thr

246 <210> SEQ ID NO: 11

247 <211> LENGTH: 4

248 <212> TYPE: PRT

249 <213> ORGANISM: Human MCP-1 peptide

251 <400> SEQUENCE: 11

253 Arg Lys Ile Ser

254 1

257 <210> SEQ ID NO: 12

258 <211> LENGTH: 9

259 <212> TYPE: DNA

260 <213> ORGANISM: Human MCP-1 oligonucleotide

262 <400> SEQUENCE: 12

263 ccagcatga

9

266 <210> SEQ ID NO: 13

267 <211> LENGTH: 8

268 <212> TYPE: DNA

269 <213> ORGANISM: Artificial Sequence

271 <220> FEATURE:

272 <223> OTHER INFORMATION: Oligonucleotide in the 3' untranslated region

274 <400> SEQUENCE: 13

275 ttatttat

8

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/11/055,587A

DATE: 10/31/2005  
TIME: 15:01:11

Input Set : A:\Sequence Listing.txt  
Output Set: N:\CRF4\10312005\K055587A.raw

Please Note:

One or more n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1 /  
Seq#:5; N Pos. 6 /  
Seq#:7; N Pos. 6,18

## VERIFICATION SUMMARY

DATE: 10/31/2005

PATENT APPLICATION: US/11/055,587A

TIME: 15:01:11

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\10312005\K055587A.raw

10 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0